

PROJECT NAME: Gravel Pit Aquifer Storage and Recovery Project

RECIPIENT: Weber Basin Water Conservancy District

LOCATION: Weber County, Utah

PURPOSE: Design and construct a new Aquifer Storage and Recovery (ASR) facility for the purpose of utilizing spring runoff flows and/or other currently underutilized decreed Weber River rights to augment natural groundwater infiltration into the Delta and Sunset aquifer systems with the intent of recovering the stored water in times of drought or when M&I demands exceed current capacities. The proposed facility will be constructed at the current site of one the gravel pits, located at the mouth of Weber Canyon in Weber County, Utah. The proposed facility would generally include but not be limited to a new diversion structure from the Weber River, multiple metering stations to record influent flow rates, multiple inlet boxes to dissipate hydraulic energy into the facility, access and maintenance roads and ramps, security fencing, ancillary piping and valves, and monitoring wells. Construction would likely require significant amounts of earthwork. Permitting would include the transfer of existing water rights to the location of the proposed facility, appropriation of new water rights, and also permitting of the facility through the Division of Water Rights. Construction permitting would also likely be required by the Utah Department of Transportation, as the site is located between Interstate 84 and Highway 89.

AMOUNT: \$1,000,000